

TABLE 4
REQUIRED SAMPLE VOLUME, CONTAINERS, PRESERVATIVES AND HOLDING TIMES
FALCON REFINERY SUPERFUND SITE
INGLESIDE, TEXAS

INVESTIGATIVE SOIL SAMPLES

| PARAMETER | ANALYSIS | VOLUME AND CONTAINER | PRESERVATIVES | HOLDING TIME EXTRACTION/ANALYSIS [*] |
|-----------------------|---------------------------|--|-----------------|---|
| TAL METALS | SW-846, EPA 6010/7471 | One 8-ounce wide-mouth glass jar with Teflon-lined cap | Store at 4±2 °C | 6 months, except Mercury, which is 28 days |
| TCL SVOCs | SW-846, EPA 8270 | One 4-ounce glass jar with Teflon-lined cap | Store at 4±2 °C | 14 days from collection |
| TCL VOCs | SW-846, EPA 8260 | One 4-ounce glass jar with Teflon-lined cap | Store at 4±2 °C | 14 days from collection |
| PCBs | SW-846, EPA 8082 | One 4-ounce glass jar with Teflon-lined cap | Store at 4±2 °C | 14 days from collection |
| HERBICIDES/PESTICIDES | SW-846, EPA 8151 and 8081 | One 4-ounce glass jar with Teflon-lined cap | Store at 4±2 °C | 14 days from collection |

INVESTIGATIVE AQUEOUS SAMPLES

| PARAMETER | ANALYSIS | VOLUME AND CONTAINER | PRESERVATIVES | HOLDING TIME EXTRACTION/ANALYSIS [*] |
|-----------------------|---------------------------|---------------------------------|---|---|
| TAL METALS | SW-846, EPA 6010/7471 | One 1-liter polyethylene bottle | Field filtered with a 0.45 µ filter, preserved with HNO ₃ to a pH < 2; Store at 4+2 °C | 6 months, except Mercury, which is 28 days |
| TCL SVOCs | SW-846, EPA 8270 | Two 1,000 mL amber | No preservation at 4+2 °C | 7 days from collection |
| TCL VOCs | SW-846, EPA 8260 | Three 40 ml | Preserved with HCl to pH < 2; Store at 4+2 °C | 14 days from collection |
| PCBs | SW-846, EPA 8082 | Two 1,000 mL amber | No preservation at 4+2 °C | 7 days from collection |
| HERBICIDES/PESTICIDES | SW-846, EPA 8151 and 8081 | Two 1,000 mL amber | No preservation at 4+2 °C | 7 days from collection |

* Holding time is measured from the time of sample collection to the time of sample extraction and analysis

CLP Contract Laboratory Program
EPA U.S. Environmental Protection Agency
µ Micron
N/A Not Applicable
PCB Polychlorinated byphenyl
PID Photoionization detector
SVOC Semivolatile Organic Compound
TAL Target Analyte List
TCL Target Compound List
VOC Volatile Organic Compound